

<b>Notice of Allowability</b>	Application No.	Applicant(s)
	09/420,317	DENTINGER, JEAN-CLAUDE
	Examiner	Art Unit
	John Ryznic	3745

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to application filed on 10/19/99.
2.  The allowed claim(s) is/are 1-14.
3.  The drawings filed on \_\_\_\_\_ are acceptable as formal drawings.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
  - a)  All
  - b)  Some\*
  - c)  None
 of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.
5.  Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

6.  Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
7.  Applicant MUST submit NEW FORMAL DRAWINGS
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review( PTO-948) attached
    - 1)  hereto or 2)  to Paper No. \_\_\_\_\_.
  - (b)  including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the examiner.
  - (c)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.**

8.  Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

#### Attachment(s)

1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3 <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____.
5 <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. 2	6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment
7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material	8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance
	9 <input type="checkbox"/> Other

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Elizabeth Richter on 11/08/2000 with Examiner Liam McDowell.

The application has been amended as follows:

***Examiners Amendment***

**IN THE SPECIFICATION:**

On page 2, line 9 -- which -- was inserted after "through";

On page 3, line 4, "and" first occurrence has been changed to – an --;

On page 3, line 19 "these hafts" has been changed to – the shaft --;

On page 4, line 29 "5" has been changed to – 3 --;

On page 4, line 29 -- of – has been inserted after "upstream";

On page 4, line 31 -- a – has been inserted after "as" first occurrence;

On page 4, line 32 "needs" has been changed to – need --;

On page 6, line 13 -- of the – has been inserted after "47";

On page 6, lines 16 and 17 "and allows a wear-proof and rapid rotation of the shaft" has been changed to

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– allows for rapid rotation of the shaft without excess wear --;

On page 6, line 30 "a" first occurrence has been changed to – an --;

On page 7, line 20 "achieves" has been changed to – achieved --.

### ***Reasons for Allowance***

2. The following is an examiner's statement of reasons for allowance: none of the cited prior art anticipates or makes obvious the modular hydraulic turbine of claim 1 which includes the limitations of the inlet being of one piece, the tubular outlet made of one piece with the rear portion extending at an angle relative to the front portion, a central cone-shaped hub with a rearward opening cavity, a hollow rotor connected to the shaft and comprising a central core and the blades, and the shaft with a front end extending at least partially and rotatably into the central cavity.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Ryznic whose telephone number is (703) 305-0060, and fax number is (703) 308-7763. The Examiner can normally be reached on Monday through Friday from 7:30 am until 6:30 pm, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ed Look, can be reached at (703) 308-1044.

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Any inquiry of the general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0861.

*John Ryznic*

John Ryznic  
Primary Examiner  
Art Unit 3745  
November 24, 2000

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

AMERICAN INVENTION

COFLERO & ROE, PC  
1077 NORTHERN BULEVARD  
ROSELYN, NY 11576

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/420,317	10/15/99	014	WY2MIC, 3	02/28/00
First Named Applicant	DENTINGER,	35 USC 154(b) Term Ext.	0 Days.	

TITLE OF INVENTION

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEES DUE	DATE DUE
14 DENTINGER-1	415-000,100	1008	UTILITY	YES	\$620.00	02/28/01

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.  
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS  
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

- I. Review the SMALL ENTITY status shown above.
  - If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:
    - A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
    - B. If the status is the same, pay the FEE DUE shown above.
  - If the SMALL ENTITY is shown as NO:
    - A. Pay FEE DUE shown above, or
    - B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.
- II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give application number and batch number.  
Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

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